

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture, concentrated liquid
Product name.	: Glyco-San NG Cleaner
Product group	: Trade product
Product code	: LB-GLYCOSAN/4
Part number	: SW-GSNG series

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/preparation	: Industrial cleaner for potable water tanks.
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1.2.2. Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Celeste Industries Corporation
8221 Teal Drive, suite 405
Easton, Maryland 21601 (USA)
Within USA: (410) 822-5775
International: 00 (1) 410-822-5775
e-mail: info@celestecorp.com

1.4. Emergency telephone number

Emergency contact number	: For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within USA and CANADA: 1-800-424-9300 Outside USA and Canada (collect call accepted): 1-703-527-3883
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SECTION 2: Hazards identification

2.1. Classification of the mixture

Classification according to CLP Regulation (EC) No 1272/2008

Skin Corr. 1C, H314
Eye Dam 1, H318

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No data available

2.2. Label elements

Classification according to CLP Regulation (EC) No 1272/2008

Hazard Pictogram



Signal Word

: Danger

Hazard Statement

: H314 – Causes severe skin burns and eye damage
: H318 – Causes serious eye damage

Precaution Statement

: P260 – Do not breathe dust/fume/gas/mist/vapor/spray.
: P264 – Wash hands thoroughly after handling.
: P280 – Wear protective gloves/protective clothing/eye protection/face protection.
: P301 + P330 + P331 – IF SWALLOWED: Rinse mouth, do NOT induce vomiting.
: P303 + P361 + P353 – IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse SKIN with water/shower.
: P363 – Avoid contact during pregnancy/while nursing.

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- : P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- : P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
- : P310 – Immediately call a poison control center.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
L-(+)-lactic acid	(CAS No.) 79-33-4 (EC no) 201-196-2	12%	Skin Corr. 1C, H314 Eye Dam. 1, H318
Dodecylbenzenesulphonic acid	(CAS No.) 27176-87-0 (EC no) 248-289-4	< 2%	Acute Tox. 4, H302 Skin Corr. 1B, H314
Sodium octane-1-sulphonate monohydrate	(CAS No.) 5324-84-5 (EC no) 226-195-4	< 1%	Skin Irrit. 2, H315 Eye Dam. 1, H319

For a full text of phrases, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.
- First-aid measures after skin contact : Remove/take off immediately all contaminated clothing. Rinse SKIN with water/shower.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
- First-aid measures after ingestion : Seek medical attention immediately. Rinse mouth, do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : May cause serious skin damage.
- Symptoms/injuries after eye contact : May cause serious eye damage.
- Symptoms/injuries after ingestion : Ingestion may cause immediate pain and severe burns of the mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Call poison control center.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media: : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non combustible
- Reactivity : Stable under normal conditions of use.

5.3. Advice for firefighters

- Protective equipment for firefighters : Wear proper protective equipment. Extra personal protection: complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.
- Emergency procedures : Avoid contact with skin and eyes. Do not allow the product to be released into the environment.

6.1.2. For emergency responders

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.
- Emergency procedures : Avoid contact with skin and eyes. Do not allow uncontrolled leakage of product into the environment.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, dike with dirt, then remove by vacuum truck for disposal.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not breath vapors/mist/fume.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: : Provide adequate ventilation.
Storage condition(s) : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation.
Personal protective equipment : Chemical resistant gloves. Protective goggles.



Hand protection : Chemical resistant gloves.
Eye protection : Wear chemical splash goggle.
Skin and body protection : Protective apron. protective clothing. Wear suitable protective clothing.
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Thin liquid
Colour : Clear, colorless
Odour : No data available
Odour threshold : No data available
pH : 2 - 3
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : None
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 0.95 - 1.05
Solubility : Miscible with water
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : Not explosive as none of the components is classified as explosive or oxidizing.
Oxidising properties : None of the components is classified for oxidizing properties.
Explosive limits : No data available

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9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes severe skin burns and eye damage pH: 2 - 3
Serious eye damage/irritation	: Causes serious eye damage pH: 2 - 3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Can cause serious damage to mucous tissues if ingested or inhaled.

SECTION 12: Ecological information

12.1. Toxicity

Quantitative data on the toxic effects of this product are not available.

Risk of a harmful effect due to pH shift.

12.2. Persistence and degradability

Soluble in water.

12.3. Bioaccumulative potential

Readily biodegradable

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Dispose of contents/container to comply with applicable local, national and international regulations.
Waste disposal recommendations	: Comply with local regulations for disposal.

SECTION 14: Transport information

Not a dangerous good in sense of transport regulations

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH candidate substance

Other regulations, restrictions and prohibition regulations : Conforms to Regulation (EC) No. 1907/2006, Annex II (REACH), as amended by (EU) No. 453/2010.

15.1.2. National regulations

No data available

15.2. Chemical safety assessment

CSA has not been established

SECTION 16: Other information

Sources of Key data : SDS, ECHA.

Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials . CAS - Chemical Abstracts Service. CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. EEC - European Economic Community. EC - European Community. GHS - Globally Harmonised System. HMIS - Hazardous Materials Identification System. MSDS - Material Safety Data Sheet. OSHA - Occupational Safety and Health Administration. Overland transport (ADR). PEL- Permissible Exposure Level. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. Relat - Relative. SDS - Safety Data Sheet . STEL- Short-Term Exposure Limit . TLV- Threshold Limit Value. TWA- Time Weighted Average.

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